

RISHI K

A Project Submitted

***in Partial Fulfilment of the Requirements for the Award
of the Degree of***

MASTER OF

ARTS IN

ACTUARIAL ECONOMICS

MADRAS SCHOOL OF

ECONOMICS



May 2024

MADRAS SCHOOL OF ECONOMICS

Chennai-600025

ABSTRACT

The study examines Indian index listed companies to deliver insights beside need based financing of capital by utilizing modern machine learning algorithms in identifying patterns of the relative importance of determinants recognized by machines but not by financiers. It gives us a systematic insight into market leverage determination beyond what economic theories postulate by incorporating variables identified by them and using a quantifiable subset to analyze behavior not visible to the naked eye of market stakeholders.

Keywords: Machine learning, Market Leverage determinants, Indian stock market